Fujitsu recommends Windows® 7.

# Data Sheet
# Fujitsu ESPRIMO C700 Desktop PC

## The Ultra Small Professional PC

Take advantage of the newly designed Fujitsu ESPRIMO C700, the compact ultra small form factor PC with maximum performance, in office environments with limited space. Comfortable working - ergonomic, quiet and reliable. The Fujitsu ESPRIMO C700 with its intelligent design offers easy and reliable administration and with a PCIe x16 slot is simple to expand. Equipped with an up to 90% energy efficient integrated power supply unit and selected materials this ultra small form factor PC with a volume of 7.4 liters meets numerous environmental standards, such as ENERGY STAR®.

**Compact design**
Top quality PC for office environments with little space; can be positioned both horizontally and vertically.
- Ultra small form factor PC with only 7.4 liters volume, integrated, highly efficient power supply, legacy interfaces and powered serial ports

**Highest energy efficiency coupled with intelligent performance**
Low power consumption combined with top performance
- 2nd generation Intel® Core™ processors with Turbo Boost und Hyper-Threading technology and an up to 90% energy efficient power supply and ENERGY STAR® certification

**Compact but expandable**
Smallest ESPRIMO PC system with discrete graphics card, multi-monitor solutions are possible
- Up to a 500GB disk and PCIe x16 slot

**Family concept**
Reduced test and evaluation costs for the existing PC infrastructure.
- Uniform technology platform and bit image for the 700 series from Fujitsu

Fujitsu recommends Windows® 7.

# Components

| | |
|---|---|
| **Processor** | Intel® Core™ i7-2600 processor (4 Cores / 8 Threads, 3.40 GHz, 8 MB, Intel® HD Graphics 2000) |
| | Intel® Core™ i5-2500 processor (4 Cores / 4 Threads, 3.30 GHz, 6 MB, Intel® HD Graphics 2000) |
| | Intel® Core™ i5-2400 processor (4 Cores / 4 Threads, 3.10 GHz, 6 MB, Intel® HD Graphics 2000) |
| | Intel® Core™ i3-2120 processor (2 Cores / 4 Threads, 3.30 GHz, 3 MB, Intel® HD Graphics 2000) |
| | Intel® Core™ i3-2100 processor (2 Cores / 4 Threads, 3.10 GHz, 3 MB, Intel® HD Graphics 2000) |
| | Intel® Pentium® processor G840 (2 Cores / 2 Threads, 2.80 GHz, 3 MB, Intel® HD Graphics) |
| | Intel® Pentium® processor G620 (2 Cores / 2 Threads, 2.60 GHz, 3 MB, Intel® HD Graphics) |
| | Intel® Celeron® processor G530 (2 Cores / 2 Threads, 2.40 GHz, 2 MB) |
| **Operating system** | |
| **Operating system** | Genuine Windows® 7 Home Basic (EM) 32-bit<br>Genuine Windows® 7 Home Premium 64-bit<br>Genuine Windows® 7 Professional 32-bit<br>Genuine Windows® 7 Professional 64-bit |
| **Operating system compatible** | openSUSE Linux<br>Genuine Windows Vista®<br>Genuine Windows® XP |
| **Operating system notes** | Limited Windows® XP support. Microsoft discontinued Windows® XP certification on system level, basic drivers via http://support.ts.fujitsu.com |
| **Memory modules** | 2 GB (1 module(s) 2 GB) DDR3, unbuffered, non-ECC, 1333 MHz, PC3-10600, DIMM |
| | 4 GB (1 module(s) 4 GB) DDR3, unbuffered, non-ECC, 1333 MHz, PC3-10600, DIMM |
| **Hard disk drives (internal)** | SSD SATA, 128 GB, 2.5-inch |
| | mSATA, 16 GB, Flash drive |
| | mSATA, 8 GB, Flash drive |
| | mSATA, 4 GB, Flash drive |
| | mSATA, 2 GB, Flash drive |
| | HDD SATA III, 7200 rpm, 1000 GB, 3.5-inch |
| | HDD SATA III, 7200 rpm, 500 GB, 3.5-inch, business critical |
| | HDD SATA III, 7200 rpm, 500 GB, 3.5-inch |
| | HDD SATA III, 7200 rpm, 320 GB, 3.5-inch |
| | HDD SATA II, 7200 rpm, 160 GB, 2.5-inch |
| **Hard disk notes** | Up to 18 GB of HDD space is reserved for system recovery |
| **Graphics add on cards (optional)** | NVIDIA® Quadro® NVS 300 LP, 512 MB |
| | NVIDIA® GeForce® 405 display port low profile, 512 MB |
| | LFH59/ 2x DVI-I adapter cable |
| | LFH59/ 2x DP adapter cable |
| | DP to DVI-D (single link) Adapter Cable |
| **Drives (optional)** | DVD Super Multi |
| | DVD Super Multi Slot-in slim |
| **Interface add on cards/components (optional)** | |
| | WLAN III, 802.11g/Draft-n (Windows only) |
| | USB 3.0 PCIe x1 |
| | Parallel Interface |
| | Gigabit Ethernet PCIe x1, DS |
| | eSATA Interface |
| | Dual serial card PCIe x1, powered |
| | Dual serial card PCIe x1 |

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| **Base unit** | ESPRIMO C700 |
| **Mainboard** | |
| **Mainboard type** | D3064 |
| **Formfactor** | proprietary |
| **Chipset** | Intel® Q65 |
| **Processor socket** | LGA 1155 |
| **Processor quantity maximum** | 1 |
| **Memory slots** | 4 DIMM (DDR3) |
| **Supported capacity RAM (max.)** | 32 GB |
| **Memory frequency** | 1333 MHz |
| **Memory notes** | Dual channel support.<br>For dual channel performance, identical memory modules in each channel are necessary (minimum 2 modules).<br>> 16 GB support with future memory modules |
| **LAN** | 10/100/1000 MBit/s Intel® 82579 V |
| **BIOS version** | AMI Aptio 4.6 |
| **BIOS features** | BIOS Flash EPROM update by software<br>Recovery BIOS<br>Unified Extensible Firmware Interface (UEFI) |
| **Audio codec** | Conexant CX20642 |
| **Audio features** | Internal speaker supports audio playback, High Definition audio |
| **I/O controller on board** | |
| **Serial ATA total** | 3 |
| **Controller functions** | Serial ATA II (3 Gbit)<br>Serial ATA III (6 Gbit)<br>NCQ<br>AHCI |
| **Interfaces** | |
| **Audio: line-in** | 1 |
| **Audio: line-out** | 1 |
| **Front audio: microphone** | 1 |
| **Front audio: headphone** | 1 |
| **USB 2.0 total** | 12 |
| **USB 3.0 total** | optional |
| **USB front** | 4 |
| **USB rear** | 6 |
| **USB internal** | 2 |
| **VGA** | 1 (via DVI to VGA adapter, part of shipment) |
| **DisplayPort** | 1 |
| **DVI** | 1 (DVI-I) |
| **Serial (RS-232)** | 2 (powered, 9pin, 16 byte FIFO, 16550 compatible) |
| **Mouse / Keyboard (PS/2)** | 2 |
| **Ethernet (RJ-45)** | 1 |
| **Parallel** | 1 (optional) (25pin with EPP and ECP) |
| **eSATA** | 1 (optional) |
| **Interface Module notes** | Anytime USB charge functionality |
| **Input device / components** | |
| | Optical USB tilt wheel mouse |
| **Input devices (optional)** | Optical USB/PS2 tilt wheel mouse<br>KBPC PX ECO |
| **Drive bays** | |
| **Drive bays total** | 2 |
| **3.5-inch internal bays** | 1 |
| **5.25-inch external bays** | 1 |

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| **Drive bays** | |
| Drive bay notes | slim optical disc drive |
| **Slots** | |
| PCI-Express 2.0 x16 | 1 x (220 mm) Low profile |
| **Graphics on board** | |
| Graphics brand name | Intel® HD Graphics or HD Graphics 2000 (depending on CPU) |
| Shared video memory | up to 1759 MB |
| TFT resolution (VGA) | 1024 x 768 pixel<br>1280 x 1024 pixel<br>1360 x 768 pixel<br>1440 x 900 pixel<br>1600 x 900 pixel<br>1600 x 1200 pixel<br>1680 x 1050 pixel<br>1920 x 1080 pixel<br>1920 x 1200 pixel |
| TFT resolution (DVI) | 1360 x 768 pixel<br>1440 x 900 pixel<br>1600 x 900 pixel<br>1680 x 1050 pixel<br>1920 x 1080 pixel<br>1920 x 1200 pixel |
| TFT resolution (DisplayPort) | 1360 x 768 pixel<br>1440 x 900 pixel<br>1600 x 900 pixel<br>1680 x 1050 pixel<br>1920 x 1080 pixel<br>1920 x 1200 pixel<br>2560 x 1440 pixel<br>2560 x 1600 pixel |
| Graphics features | Dual display support<br>DirectX 10.1<br>HDCP support<br>OpenGL® 2.1<br>For multi monitoring mode, graphics card and integrated graphics run in parallel (Microsoft® Windows 7® only) |
| Graphics notes | Tested resolutions, depending on display type additional resolutions and frequencies possible<br>Shared memory depending on main memory size and operating system<br>Resolution (color depth up to 32 Bit/pixel)<br>For TFT we recommend using 60Hz |
| **Electrical values** | |
| Power efficiency note | power supply efficiency (at 230V; 20% / 50% / 100% load) : 87% / 90% / 87% |
| Rated voltage range | 100 V - 240 V |
| Rated frequency range | 50 Hz - 60 Hz |
| Operating voltage range | 90 V - 264 V |
| Operating line frequency range | 47 Hz - 63 Hz |
| Max. output of single power supply | 225 W |
| Power factor correction/active power | active |
| Monitor outlet | No |
| **Power consumption** | |
| Power consumption note | See white paper Energy Consumption |
| **Heat dissipation** | |
| Heat dissipation notes | See white paper Energy Consumption |
| **Noise for standard configuration (HDD, ODD)** | |
| Noise emission | According to ISO9296 |

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| **Noise for standard configuration (HDD, ODD)** | |
| **Related Processors for noise** | Core i3-2100 ; Core i5-2400 |
| **Noise Operation mode 1: ODD load (Blue angel requirement)** | 4.6 B / 32.0 dB(A) |
| **Noise Operation mode 2: HDD load (Blue angel requirement)** | 3.6 B / 22.1 dB(A) |
| **Noise Operation mode 3: CPU 90% load (Blue angel requirement)** | 3.6 B / 22 dB(A) ; 3.9 B / 25.3 dB(A) |
| **Noise Operation mode 4: High load** | 3.7 B / 22 dB(A) ; 4.0 B / 25.2 dB(A) |
| **Noise Operation mode 5: Office applications 2.0** | 3.6 B / 21.8 dB(A) |
| **Idle mode (Blue Angel requirement)** | 3.6 B / 22 dB(A) |
| **Noise notes / description** | A weighted sound power level Lwad (in B) / workplace related A-weighted sound pressure level LpAm (in dB(A)), Bystander position |
| **Dimensions / Weight / Environmental** | |
| **Dimensions (W x D x H)** | 265 x 315 x 88 mm |
| **Operating position** | Vertical / horizontal (no feet needed) |
| **Weight** | approx. 9 kg |
| **Weight notes** | Actual weight may vary depending on configuration |
| **Operating ambient temperature** | 10 - 35°C |
| **Compliance** | |
| **Product** | ESPRIMO C700 |
| **Model** | USD |
| **Germany** | Blauer Engel / Blue Angel in progress<br>TÜV GS |
| **Europe** | CE<br>Nordic Swan |
| **USA/Canada** | FCC Class B<br>CSA |
| **Global** | RoHS (Restriction of hazardous substances)<br>WEEE (Waste electrical and electronic equipment)<br>Microsoft Operating Systems (HCT / HCL entry / WHQL)<br>ENERGY STAR®<br>EPEAT® in progress (dedicated regions) |
| **Compliance link** | https://sp.ts.fujitsu.com/sites/certificates/ |
| **Additional Software** | |
| **Additional software (preinstalled)** | Nero Essentials S (burning software)<br>Fujitsu Recovery (Hard Disk Based Recovery)<br>Norton Internet Security (incl. Firewall) 60 days version<br>Microsoft® Office Starter: reduced-functionality Word and Excel® only, with advertising. No PowerPoint® or Outlook®. Buy Office 2010 to use the full-featured software. |
| **Additional software (optional)** | Recovery DVD for Windows®<br>Drivers & Utilities DVD (DUDVD)<br>Nero 9 Essentials XL |
| **Miscellaneous** | |
| | Keyboard on (Special Fujitsu keyboard required)<br>Thermal management<br>Extended lifetime |
| **Compatibility (references)** | |
| | DMI 2.0<br>PC 2001<br>WMI 1.5<br>USB 2.0<br>SMBIOS |

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| **Manageability** | |
| **Manageability technology** | DeskUpdate Driver management<br>PXE 2.1 Boot code<br>Wake up from S5 (off mode)<br>Intrusion switch (optional)<br>Intel® Standard Manageability |
| **Manageability software** | DeskView 10.x client management including: |
| **DeskView components** | On/Offline remote client management<br>Detailed system inventory management and reports<br>BIOS Management<br>Remote power management<br>System notifications<br>Security Remote Control<br>DeskView Helpdesk Integration<br>WoL (Wake on LAN) |
| **Manageability link** | http://ts.fujitsu.com/manageability<br>http://www.altiris.com/fujitsu |
| **Security** | |
| **System protection** | Kensington Lock support<br>Eye for padlock<br>Optional: Integrated cabinet lock |
| **Audit proof protection** | EraseDisk (optional)<br>Boot sector virus protection<br>Write protect option for the Flash EPROM<br>Embedded security (TPM 1.2)<br>Control of all USB interfaces<br>External USB ports can be disabled separately<br>Control of external interfaces |
| **Access protection** | User and supervisor BIOS password<br>Hard disk password<br>Optional: Access protection via external SmartCard reader<br>Optional: Access protection via internal SmartCard reader |
| **Serviceability** | |
| | EasyFix<br>EasyChange for HDD |
| **Packaging information** | |
| **Packaging dimension** | 467x265x540 mm |
| **Max. quantity / pallet** | 28 |
| **Material - Weight (g) Carton** | 940 g |
| **Material - Weight (g) EPS / PS** | 190 g |
| **Material - Weight (g) PE** | appr. 60 g |
| **Packaging notes** | printed user documentation is bleached in chlorine free process |
| **Warranty** | |
| **Standard Warranty** | 1 year |
| **Service level** | Bring-In / On-Site Service (depending on country) |
| **Maintenance and Support Services - the perfect extension** | |
| **Recommended Service** | 5x9, Response Time: Next Business Day |
| **Spare Parts availability** | 5 years |
| **Service Weblink** | http://ts.fujitsu.com/Supportservice |

# More information

## Fujitsu platform solutions

In addition to Fujitsu ESPRIMO C700, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

**Dynamic Infrastructures**
With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

**Computing Products**
www.fujitsu.com/global/services/computing/

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## More information

Learn more about Fujitsu ESPRIMO C700, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
http://ts.fujitsu.com/ESPRIMO

## Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment. Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT. Please find further information at http://www.fujitsu.com/global/about/environment/

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